

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/085273 A1

(51) International Patent Classification⁷: **C07H 21/00**,
C12Q 1/68

(21) International Application Number:
PCT/CA2005/000356

(22) International Filing Date: 4 March 2005 (04.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/549,559 4 March 2004 (04.03.2004) US

(71) Applicant (for all designated States except US): **THE UNIVERSITY OF BRITISH COLUMBIA** [CA/CA];
University-Industry Liaison Office, 103-6190 Agronomy
Road, Vancouver, British Columbia V6T 1Z3 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RUSSELL, James, A.** [CA/CA]; 1963 West 35th Avenue, Vancouver, British
Columbia V6M 1H8 (CA). **WALLEY, Keith, R.** [CA/CA];
4172 Coventry Way, North Vancouver, British Columbia
V7N 4M9 (CA).

(74) Agents: **ROBINSON, Christopher, J.** et al.; Smart &
Biggar, Box 11560 Vancouver Centre, Suite 2200, 650
West Georgia Street, Vancouver, British Columbia V6B
4N8 (CA).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **THROMBOMODULIN (THBD) HAPLOTYPES PREDICT OUTCOME OF PATIENTS**

970	1209	1621	1628	4007	4475	4814	5110	5318	5786	6235	6460	6867	8436	Clade	Freq
														E	
														G	
														D	
														L	0.26
														O	0.02
														F	
														K	
														M	0.48
														B	
														H	
														C	
														I	0.11
														J	
														A	
														N	0.13

(57) Abstract: The invention provides methods and kits for obtaining a prognosis for a subject having or at risk of developing an inflammatory condition. The method generally comprises determining a thrombomodulin genotype(s) of a subject for one or more SNPs, comparing the determined genotype with known genotypes for the polymorphism that correspond with the ability of the subject to recover from the inflammatory condition and identifying subjects based on their prognosis.

WO 2005/085273 A1